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Appln. No. : 09/880,068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Markus SPEIDEL et al.

Group Art Unit : 1742

Appln. No. : 09/880,068

Examiner : Wilkins

Filed : June 14, 2001

For : NICKEL-BASED ALLOY FOR HIGH-TEMPERATURE TECHNOLOGY

PAPER RESUBMITTING ABSTRACT OF THE DISCLOSURE

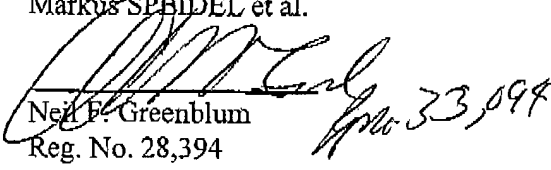
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P.O. Box 1450
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Sir:

In accordance with a telephone conversation with Janet Higgins on June 16, 2004, Applicants attach hereto another copy of the Abstract of the Disclosure filed September 14, 2001, which was actually included as part of the Substitute Specification.

Should there be any questions regarding this paper, or the present application, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Markus SPEIDEL et al.


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June 16, 2004
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ABSTRACT OF THE DISCLOSURE

Creep-proof and corrosion-resistant nickel-based alloy for the use in high-temperature technology, comprising, in wt-%:

- 0.0015 to 0.60 carbon (C);
- 0.20 to 0.90 nitrogen (N);
- 22.0 to 32.0 chromium (Cr);
- 5.0 to 20.0 elements of group 4, 5, and 6 of the periodic table, except Cr;
- 0.03 to 3.0 aluminum (Al);
- 0.4 to 3.0 silicon (Si);
- up to 0.15 elements of group 3 of the periodic table, except actinoids;
- up to 0.60 manganese (Mn);
- up to 14.8 iron (Fe);
- up to 0.01 boron (B);
- a maximum of 0.014 phosphorus (P);
- a maximum of 0.004 sulfur (S);
- a minimum of 51 nickel (Ni) or a combination of nickel (Ni) and cobalt (Co);

and

melting-related impurities.